LLR-M05MA-NMS-400 Cut Sheet





Contrinex photoelectric sensor, tubular, threaded, stainless steel housing, through-beam emitter, visible red light emission, 0-600mm sensing distance, 10-30 VDC operating voltage, 3-wire, 3-pin M8 quick-disconnect.

For complete product information, please see this item on our store at the following link:



https://www.automationdirect.com/pn/LLR-M05MA-NMS-400

Technical Specifications

Item	· .	
Shape Tubular Barrel Type Threaded Housing Size 5mm diameter x 45.8mm body IP Rating IP67 Housing Material Stainless steel Sensing Method Through-beam emitter Operating Voltage 10-30 VDC Number of Wires 3 Sensing Distance 0-600mm Light emission Visible red IO-Link Compatible Yes Connection 3-pin M8 quick-disconnect Communication Port and Connection Type(s) Port Protocol(s) IO-Link Class A Device Port Speed(s) IO-Link COM2 IO-Link Version IO-Link v1.0 Standard I/O Mode Supported Includes Mounting hardware	Brand	Contrinex
Barrel Type Threaded Housing Size 5mm diameter x 45.8mm body IP Rating IP67 Housing Material Stainless steel Sensing Method Through-beam emitter Operating Voltage 10-30 VDC Number of Wires 3 Sensing Distance 0-600mm Light emission Visible red IO-Link Compatible Yes Connection 3-pin M8 quick-disconnect Communication Port and Connection Type(s) IO-Link Class A Device Port Speed(s) IO-Link COM2 IO-Link Version IO-Link V1.0 Standard I/O Mode Supported Includes Mounting hardware	Item	Photoelectric sensor
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IP Rating IP67 Housing Material Stainless steel Sensing Method Through-beam emitter Operating Voltage 10-30 VDC Number of Wires 3 Sensing Distance 0-600mm Light emission Visible red IO-Link Compatible Yes Connection 3-pin M8 quick-disconnect Communication Port and Connection Type(s) (1) 3-pin M8 (IO-Link) port(s) Port Protocol(s) IO-Link Class A Device Port Speed(s) IO-Link COM2 IO-Link Version IO-Link v1.0 Standard I/O Mode Supported Includes Mounting hardware	Barrel Type	Threaded
Housing Material Sensing Method Through-beam emitter Operating Voltage 10-30 VDC Number of Wires 3 Sensing Distance 0-600mm Light emission Visible red IO-Link Compatible Yes Connection 3-pin M8 quick-disconnect Communication Port and Connection Type(s) Port Protocol(s) IO-Link Class A Device Port Speed(s) IO-Link Version IO-Link V1.0 Standard I/O Mode Supported Includes Standard Mounting hardware	Housing Size	5mm diameter x 45.8mm body
Sensing Method Through-beam emitter Operating Voltage 10-30 VDC Number of Wires 3 Sensing Distance 0-600mm Light emission Visible red IO-Link Compatible Yes Connection 3-pin M8 quick-disconnect Communication Port and Connection Type(s) Port Protocol(s) IO-Link Class A Device Port Speed(s) IO-Link Voltage IO-Link Version Standard I/O Mode Supported Includes Mounting hardware	IP Rating	IP67
Operating Voltage 10-30 VDC Number of Wires 3 Sensing Distance 0-600mm Light emission Visible red IO-Link Compatible Yes Connection 3-pin M8 quick-disconnect Communication Port and Connection Type(s) (1) 3-pin M8 (IO-Link) port(s) Port Protocol(s) IO-Link Class A Device Port Speed(s) IO-Link COM2 IO-Link Version IO-Link v1.0 Standard I/O Mode Supported Yes Includes Mounting hardware	Housing Material	Stainless steel
Number of Wires 3 Sensing Distance 0-600mm Light emission Visible red IO-Link Compatible Yes Connection 3-pin M8 quick-disconnect Communication Port and Connection Type(s) (1) 3-pin M8 (IO-Link) port(s) Port Protocol(s) IO-Link Class A Device Port Speed(s) IO-Link COM2 IO-Link Version IO-Link v1.0 Standard I/O Yes Mode Supported Includes Mounting hardware	Sensing Method	Through-beam emitter
Sensing Distance 0-600mm Light emission Visible red IO-Link Compatible Yes Connection 3-pin M8 quick-disconnect Communication Port and Connection Type(s) (1) 3-pin M8 (IO-Link) port(s) Port Protocol(s) IO-Link Class A Device Port Speed(s) IO-Link COM2 IO-Link Version IO-Link v1.0 Standard I/O Yes Includes Mounting hardware	Operating Voltage	10-30 VDC
Light emission Visible red IO-Link Compatible Yes Connection 3-pin M8 quick-disconnect Communication Port and Connection Type(s) (1) 3-pin M8 (IO-Link) port(s) Port Protocol(s) IO-Link Class A Device Port Speed(s) IO-Link COM2 IO-Link Version IO-Link v1.0 Standard I/O Yes Mounting hardware	Number of Wires	3
IO-Link Compatible Connection 3-pin M8 quick-disconnect Communication Port and Connection Type(s) Port Protocol(s) IO-Link Class A Device Port Speed(s) IO-Link COM2 IO-Link Version Standard I/O Mode Supported Includes Yes (1) 3-pin M8 (IO-Link) port(s) (1) 4-pin M8 (IO-Link) port(s) (2) 4-pin M8 (IO-Link) port(s) (3) 4-pin M8 (IO-Link) port(s) (4) 4-pin M8 (IO-Link) port(s) (5) 4-pin M8 (IO-Link) port(s) (6) 4-pin M8 (IO-Link) port(s) (7) 4-pin M8 (IO-Link) port(s) (8) 4-pin M8 (IO-Link) port(s) (9) 4-pin M8 (IO-Link) port(s) (1) 3-pin M8 (IO-Link) port(s) (1) 3-pin M8 (IO-Link) port(s) (1) 4-pin M8 (IO-Link) port(s) (2) 4-pin M8 (IO-Link) port(s) (3) 4-pin M8 (IO-Link) port(s) (4) 4-pin M8 (IO-Link) port(s) (5) 4-pin M8 (IO-Link) port(s) (6) 4-pin M8 (IO-Link) port(s) (7) 4-pin M8 (IO-Link) port(s) (8) 4-pin M8 (IO-Link) port(s) (8) 4-pin M8 (IO-Link) port(s) (9) 4-pin M8 (IO-Link) port(s) (9) 4-pin M8 (IO-Link) port(s) (1) 4-pin M8 (IO-Link) port(s) (2) 4-pin M8 (IO-Link) port(s) (3) 4-pin M8 (IO-Link) port(s) (4) 4-pin M8 (IO-Link) port(s) (5) 4-pin M8 (IO-Link) port(s) (6) 4-pin M8 (IO-Link) port(s) (6) 4-pin M8 (IO-Link) port(s) (7) 4-pin M8 (IO-Link) port(s) (8) 4-pin M8 (IO-Link) port(s) (8) 4-pin M8 (IO-Link) port(s) (9) 4-pin M8 (IO-Link) port(s) (9) 4-pin M8 (IO-Link) port(s) (9) 4-pin M8 (IO-Link) port(s) (1) 4-pin M8 (IO-Link) port(s)	Sensing Distance	0-600mm
Connection 3-pin M8 quick-disconnect Communication Port and Connection Type(s) (1) 3-pin M8 (IO-Link) port(s) Port Protocol(s) IO-Link Class A Device Port Speed(s) IO-Link COM2 IO-Link Version IO-Link v1.0 Standard I/O Yes Mode Supported Mounting hardware	Light emission	Visible red
Communication Port and Connection Type(s) Port Protocol(s) Port Speed(s) IO-Link COM2 IO-Link Version Standard I/O Mode Supported Includes	IO-Link Compatible	Yes
and Connection Type(s) Port Protocol(s) IO-Link Class A Device Port Speed(s) IO-Link COM2 IO-Link Version IO-Link v1.0 Standard I/O Mode Supported Includes Mounting hardware	Connection	3-pin M8 quick-disconnect
Port Speed(s) IO-Link COM2 IO-Link Version IO-Link v1.0 Standard I/O Mode Supported Includes Mounting hardware		(1) 3-pin M8 (IO-Link) port(s)
IO-Link Version IO-Link v1.0 Standard I/O Mode Supported Includes Mounting hardware	Port Protocol(s)	IO-Link Class A Device
Standard I/O Mode Supported Includes Mounting hardware	Port Speed(s)	IO-Link COM2
Mode Supported Includes Mounting hardware	IO-Link Version	IO-Link v1.0
mountaing management		Yes
Additional Information Purchase cable separately	Includes	Mounting hardware
	Additional Information	Purchase cable separately

Agency Approvals

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UL Listed File #	E239373
UL Recognized File #	None
UL Hazardous File #	None
CE	View CE declarations
CSA File #	None
RoHS Status	Yes (See CE Doc)
EU REACH	View EU REACH document